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BEST AVAILABLE COPY

Fig. 1A

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Fig. 1B

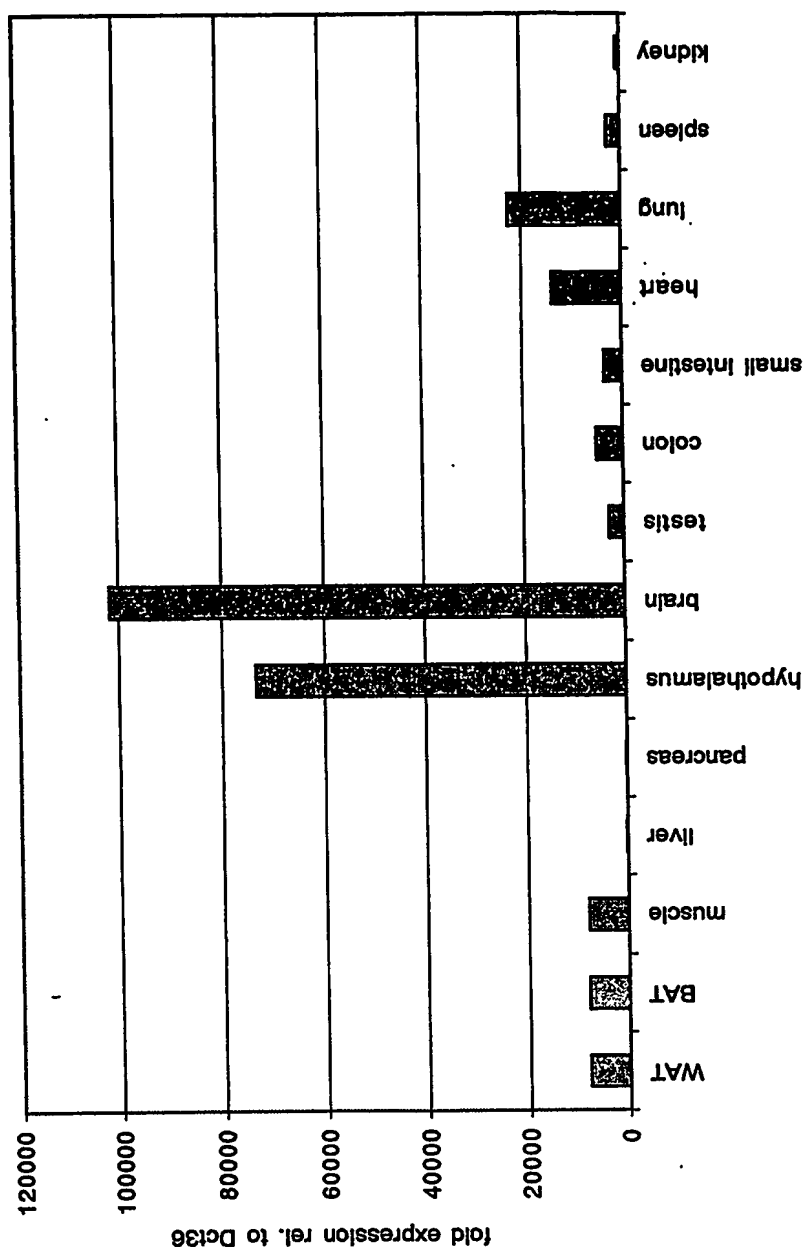


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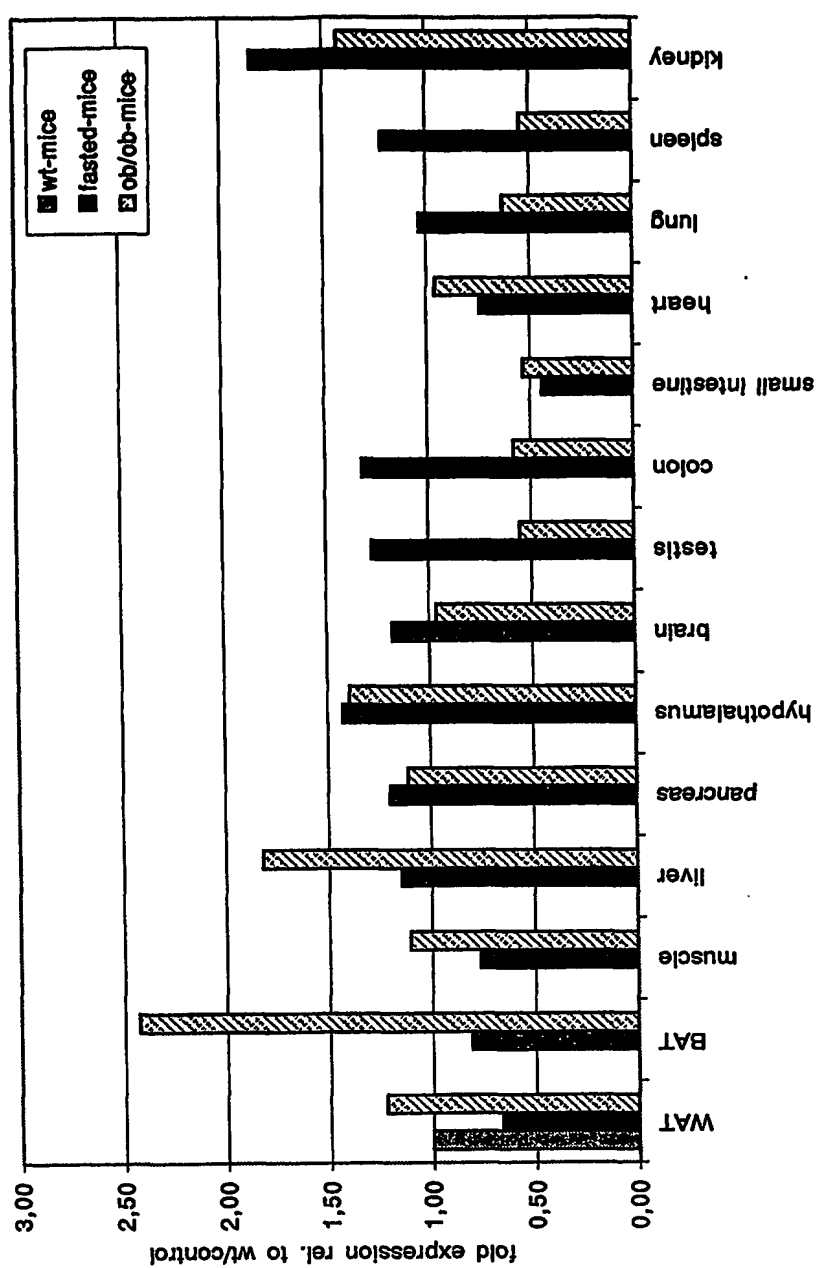


Fig. 2B

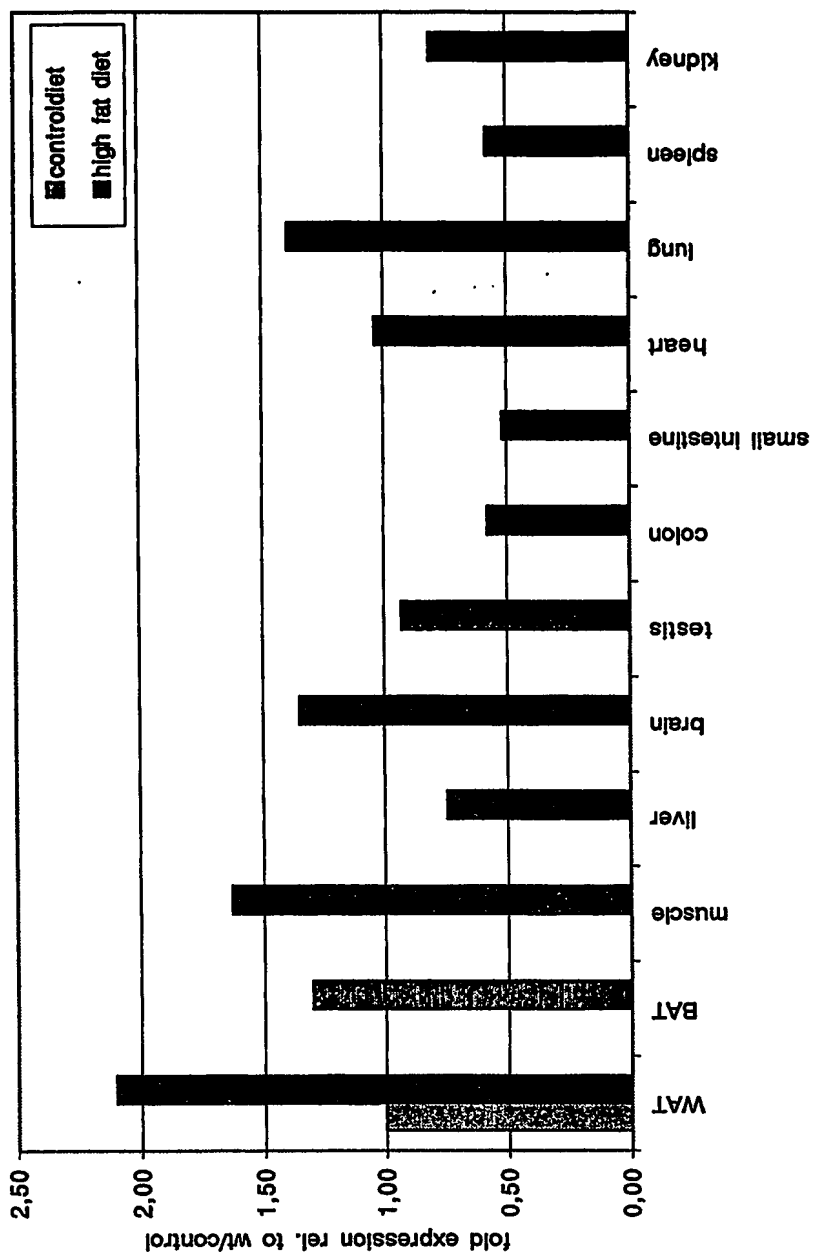


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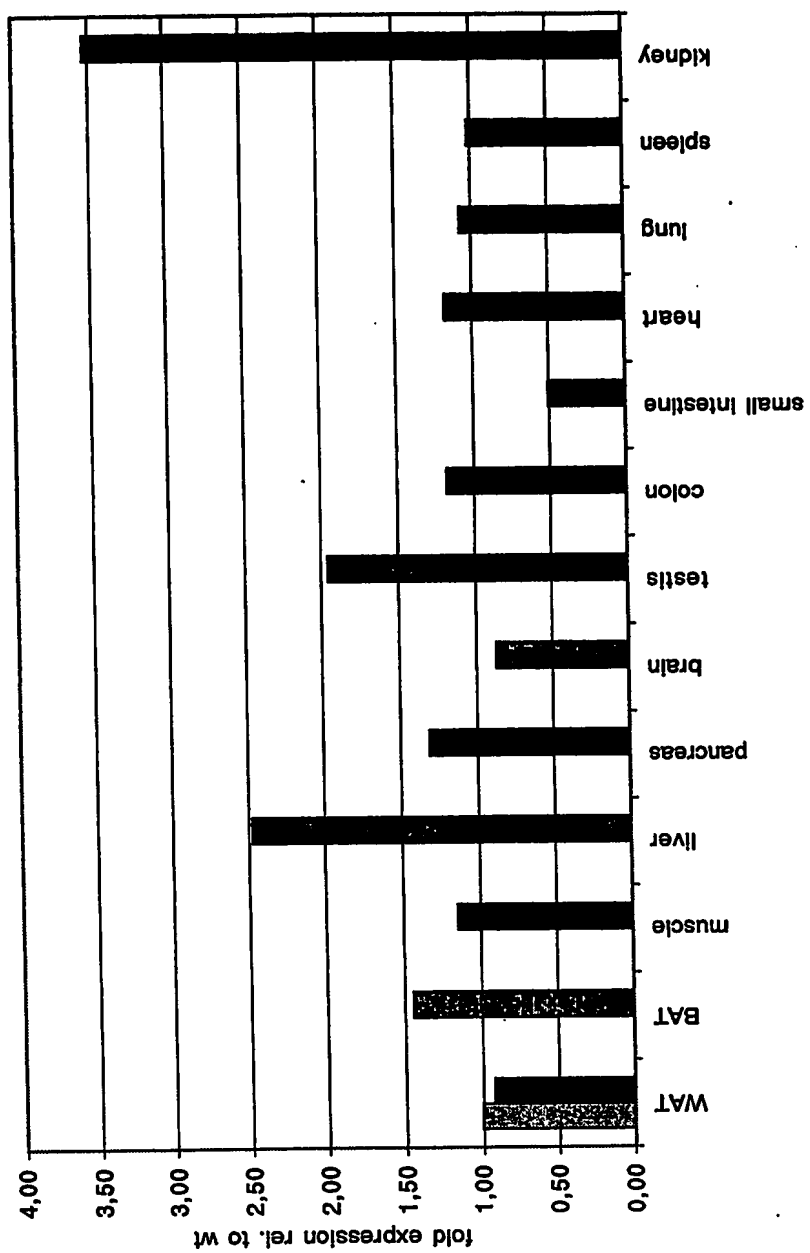


Fig. 2D

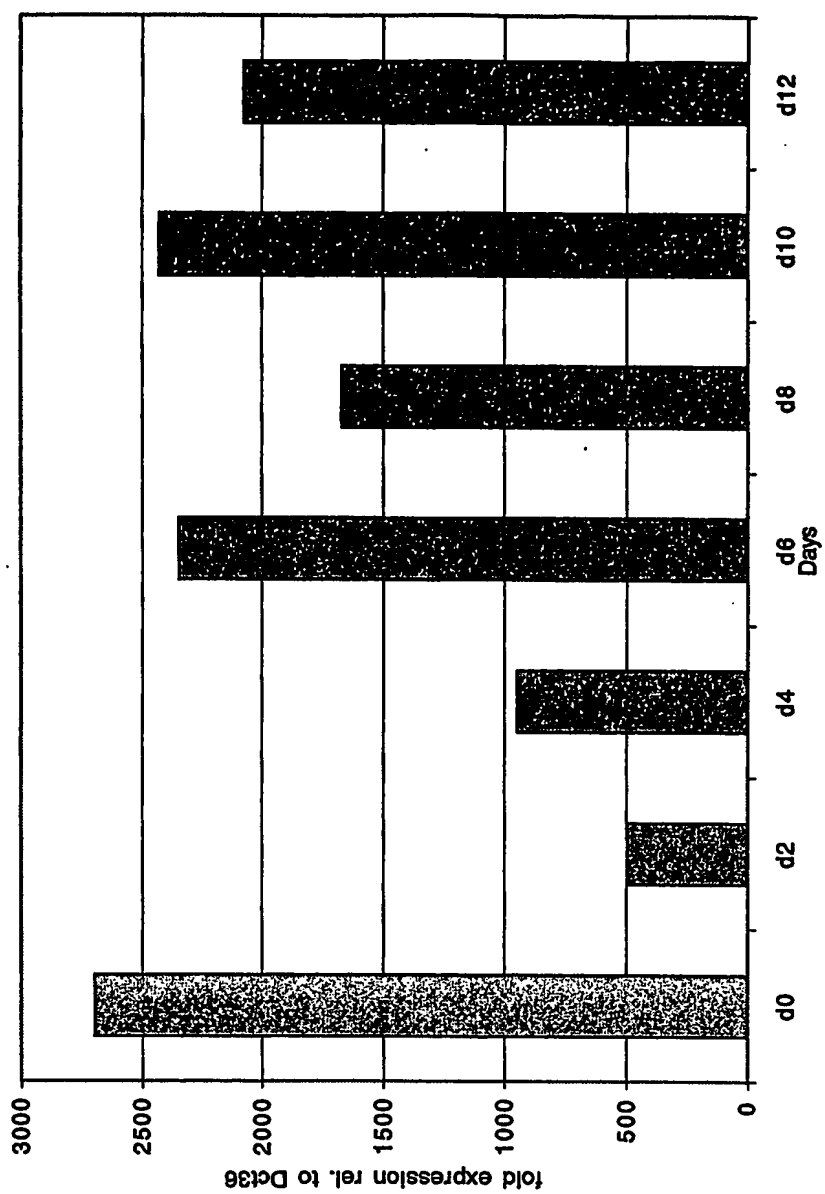


Fig. 2E

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Fig. 3A



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Fig. 3B

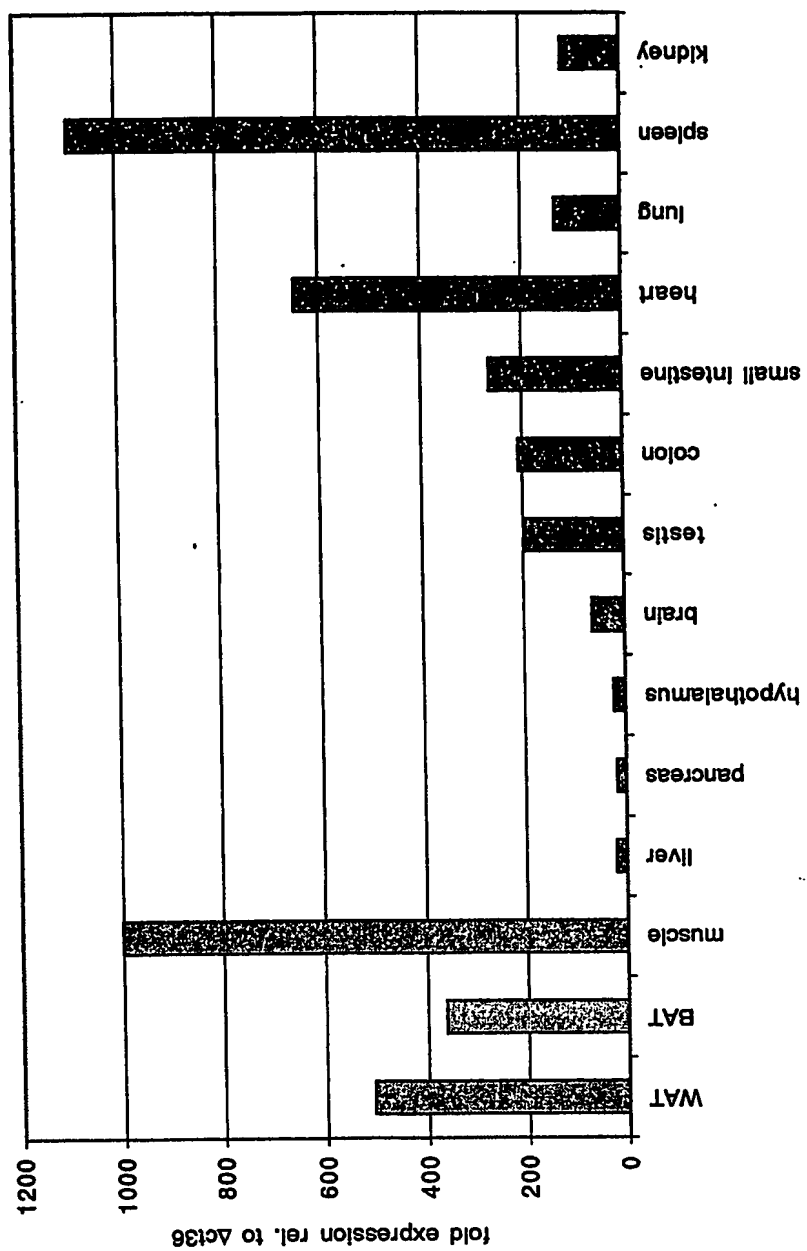


Fig. 4A

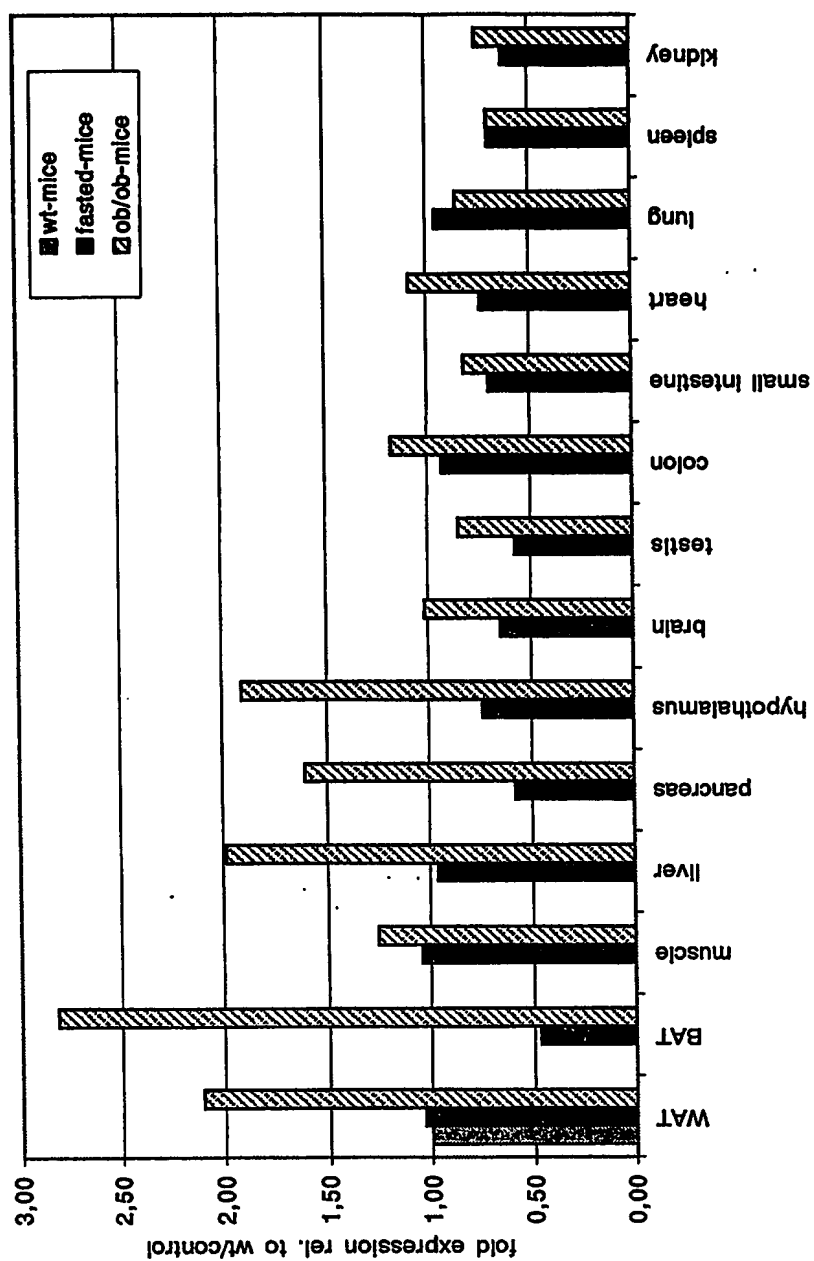


Fig. 4B

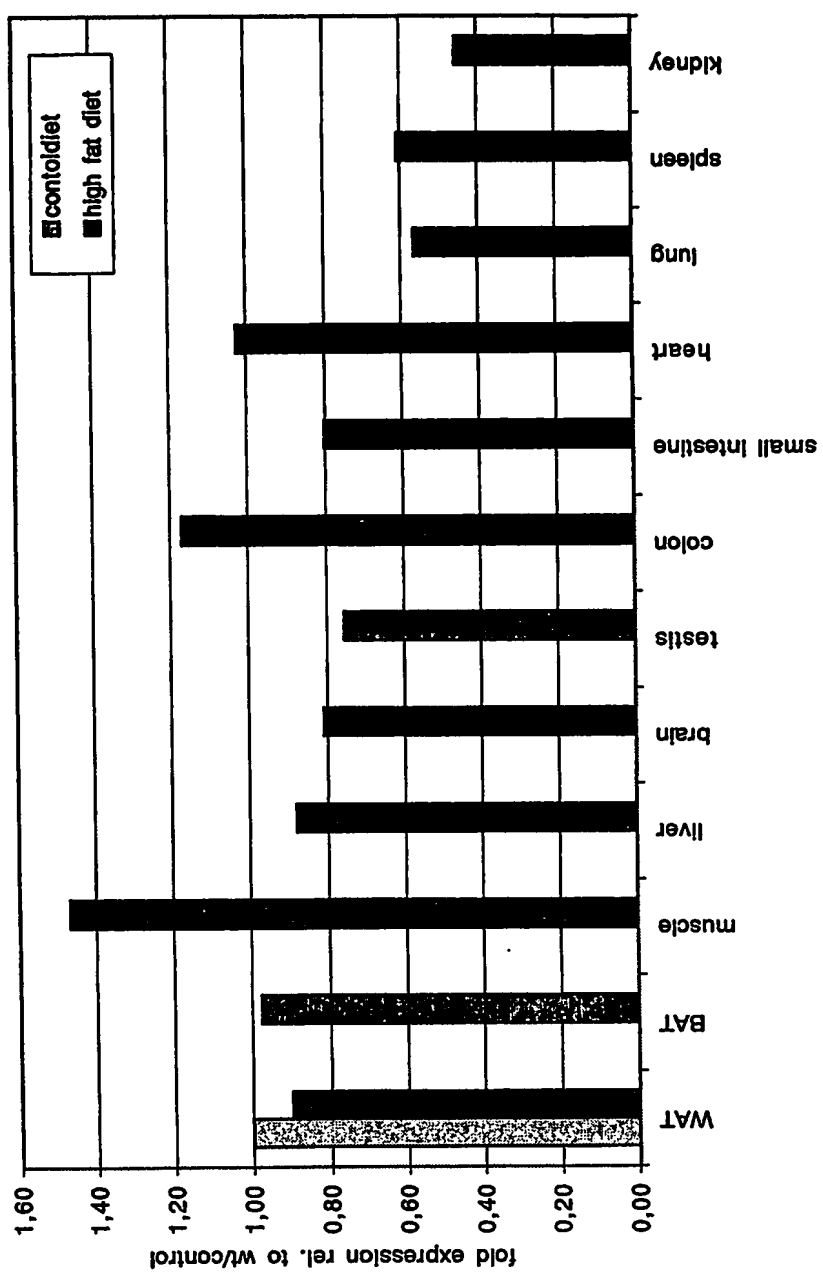


Fig. 4C

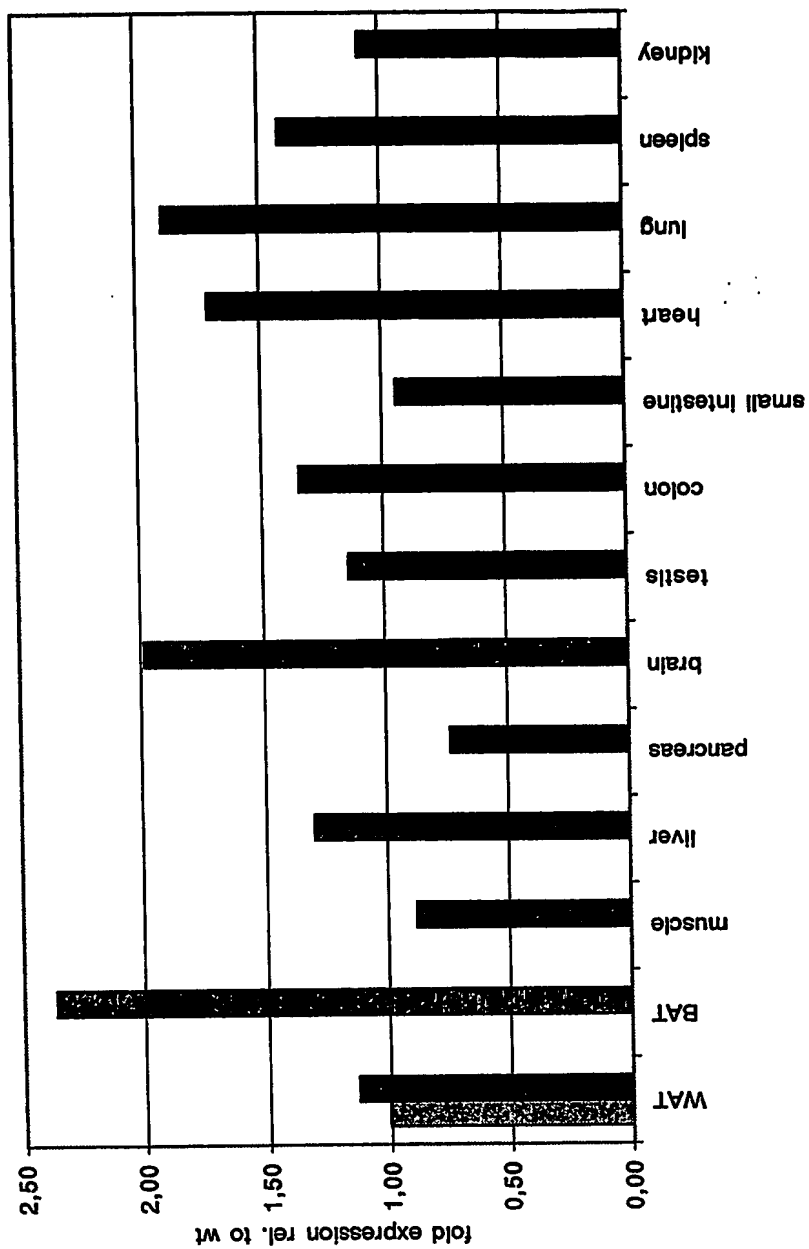


Fig. 4D

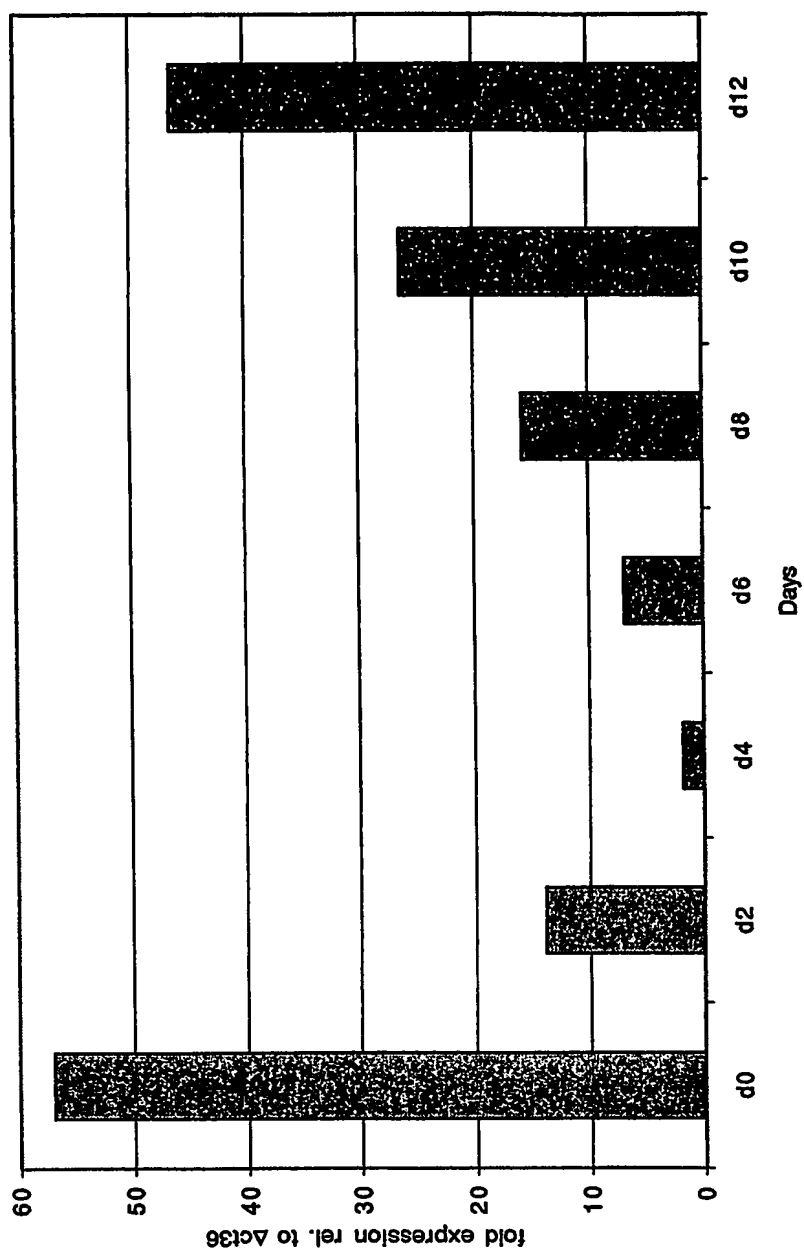
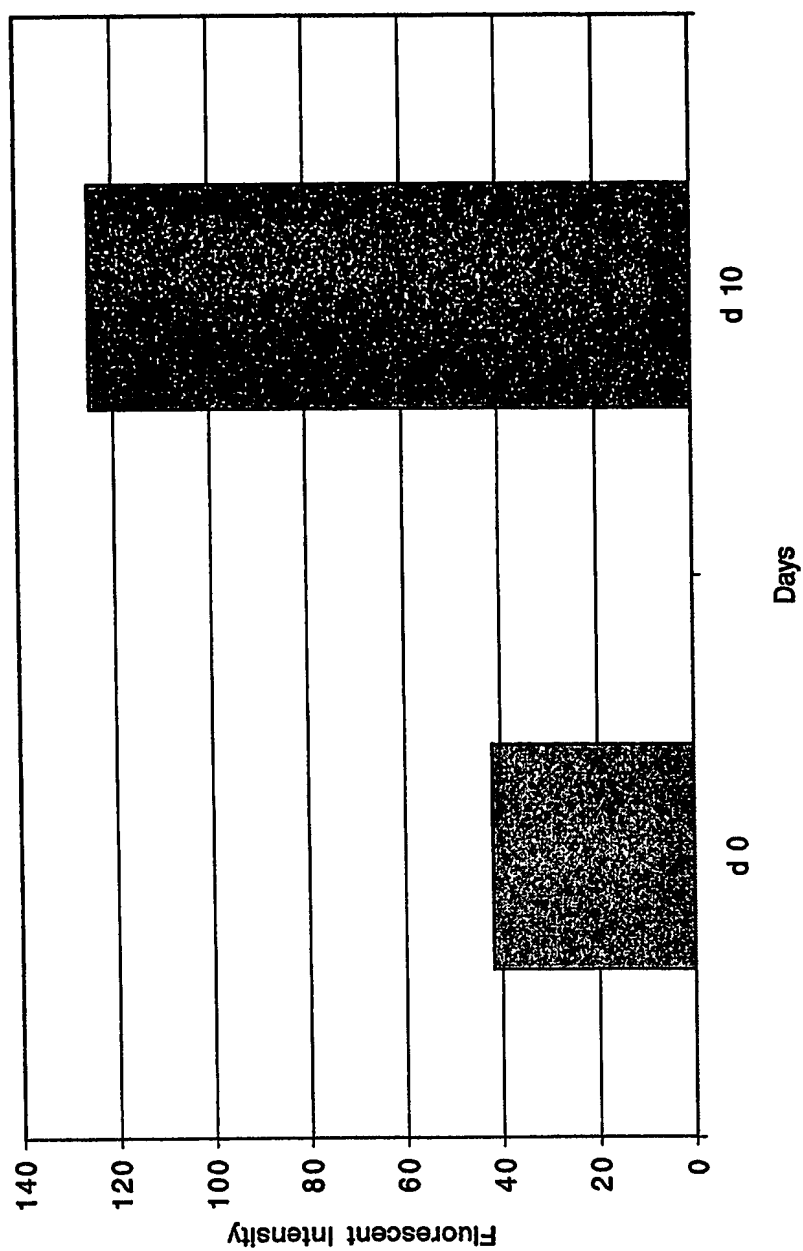


Fig. 4E

**Fig. 4F**

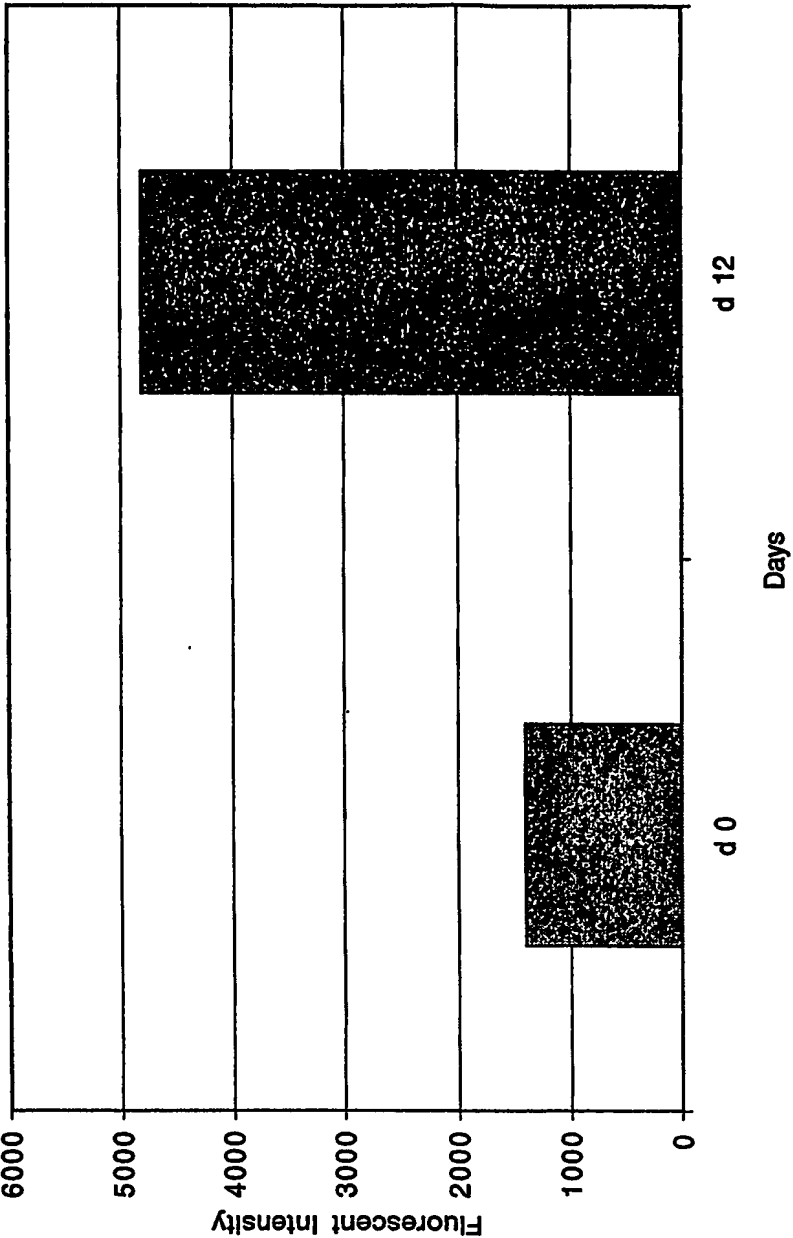


Fig. 4G



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Fig. 5A

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Fig. 5A (cont.)

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```

Fig. 5B

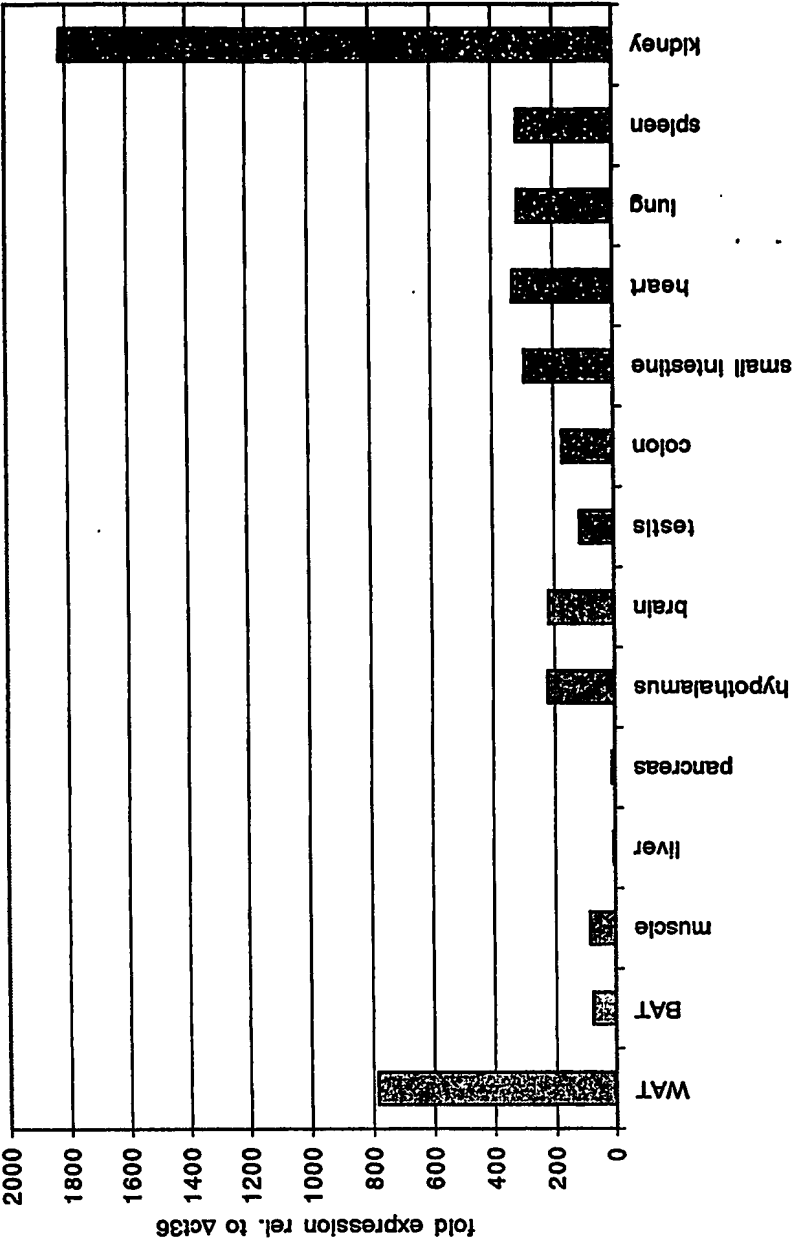


Fig. 6A

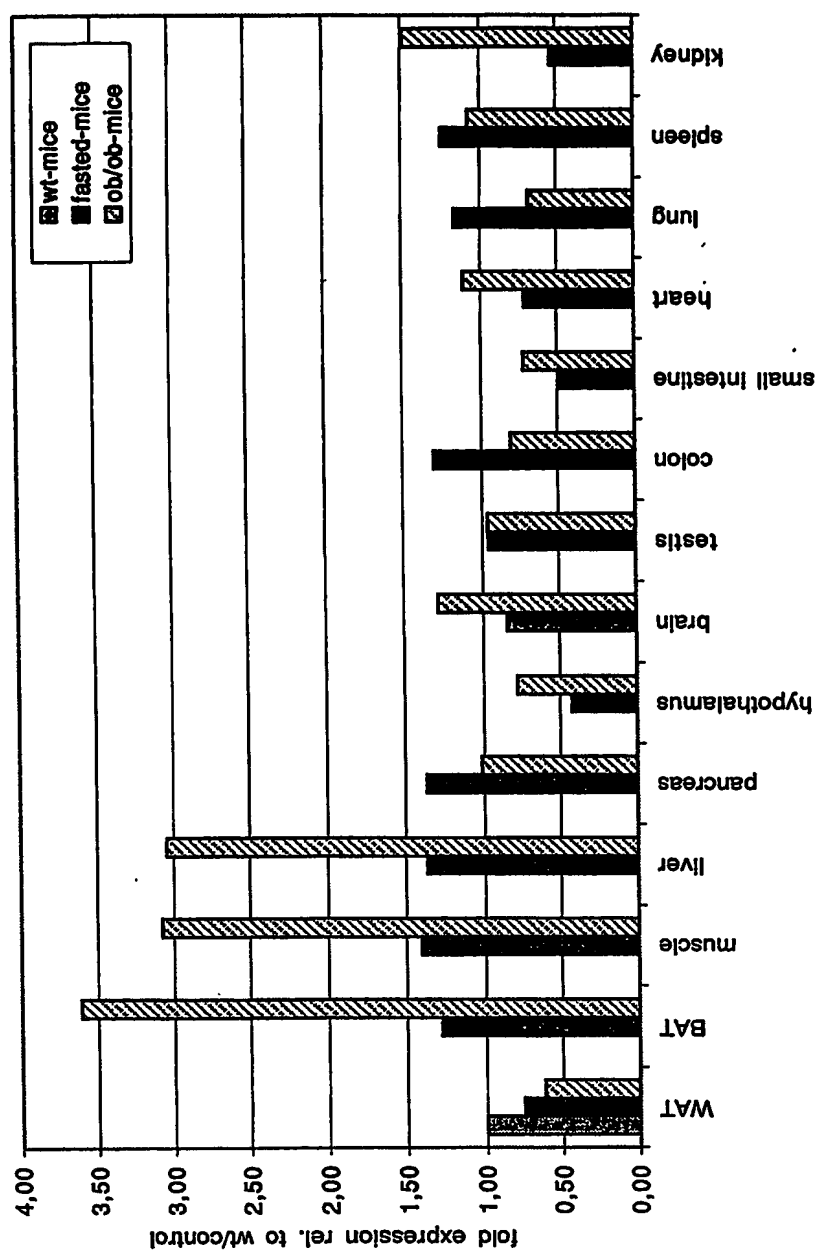


Fig. 6B

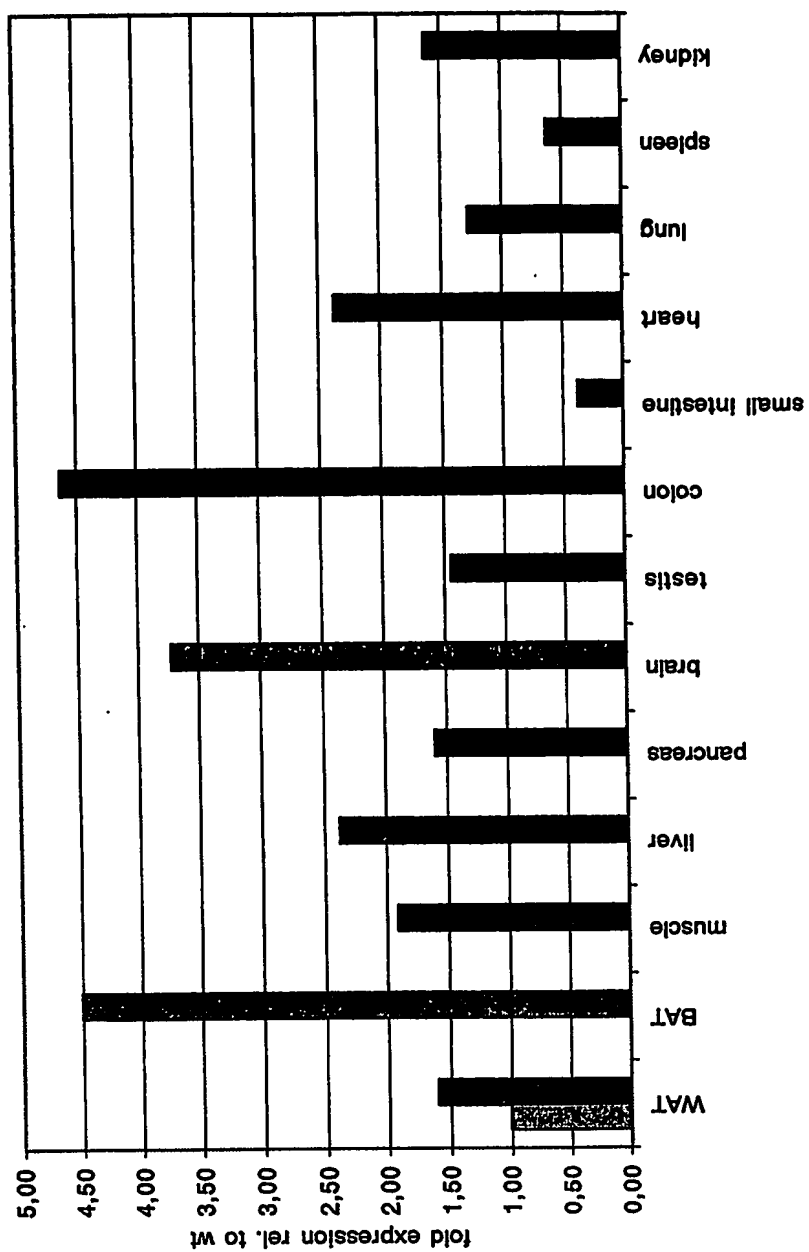


Fig. 6C

```

1  gtagtctgag cgctacccgg ttgctgctgc ccaaggaccg cggagtcgga cgcaggcaga
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121 gccagatgg tcagttctgc cctgtggcct gctgcctgga ccccgaggga gccagctaca
181 gctgctgccg tccccttctg gacaaatggc ccacaacact gagcaggcat ctgggtggcc
241 cctgccaggc tgatgcccac tgctctgccg gccactcctg catctttacc gtctcaggga
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481 gtgttatggc cgatggctcc tgggggtgct gcccctgccc ccaggcttcc tgctgtgaag
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601 caccacggg caccacccc ctggcaaga agtccctgc ccagaggact aacagggcag
661 tggccttgte cagctcggte atgtgtccgg acgcacggtc ccggtgccct gatggttcta
721 cctgctgtga gctgcccagt gggaagtatg gctgctgccc aatgcccac gccacctgct
781 gctccgatca cctgcactgc tgccccaag acactgtgtg tgacctgatc gagacaact
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901 gggatgtgaa atgtgacatg gaggtgagct gccagatgg ctatacctgc tgccgtctac
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1261 accagcactg ctgccccag ggctacacgt gtgtagctga gggcagtggt cagcaggaa
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1441 tgggtgggag ctgggcctgc tgccagtgc cccatgctgt gtgctgcgag gatcgccagc
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1981 gcctcaatct aaggccttcc ctgtcagaag ggggttgtgg caaaagccac attacaagct
2041 gccatcccct ccccgtttca gtggaccctg tggccagggt cttttcccta tccacagggg
2101 tgtttgtgtg tgtgcgctg tgctgttcaa taaagtgtgt acatttcaa aaaaaaaaaa
2161 aaaaaaaaaa aaaaaaaaaa

```

Fig. 7A

```

1  mwltlvswval taglvagtrc pdgqfcpvac clpoggasys ccrplldkwp ttlsrhlggp
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121 vgaiqcpdsq fecpdfstcc vmdgswgcc pmpqascced rvhccphgaf cdlvhtreit
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241 sdhlhccpqt tvcdliqskc lskentatdl ltklpahtvg dvkcdmevsc pdgytccrlq
301 sgawgccpft qavccedhih ccpagftcdt qkgtceggph qvpwmekapa hlslpdpqal
361 krdvpcdnvs scpsstccc ltsgewgccc ipeavccsdh qhccpqqytc vaeggcqrgs
421 eivaglekmp arraslspr digcdqhtsc pvgqtccpsl ggswaccqlp havccedrqh
481 ccpgytcnv karscekev sagpatflar sphvgkdve cgeghfchdn qtccrdnrgg
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```

Fig. 7B

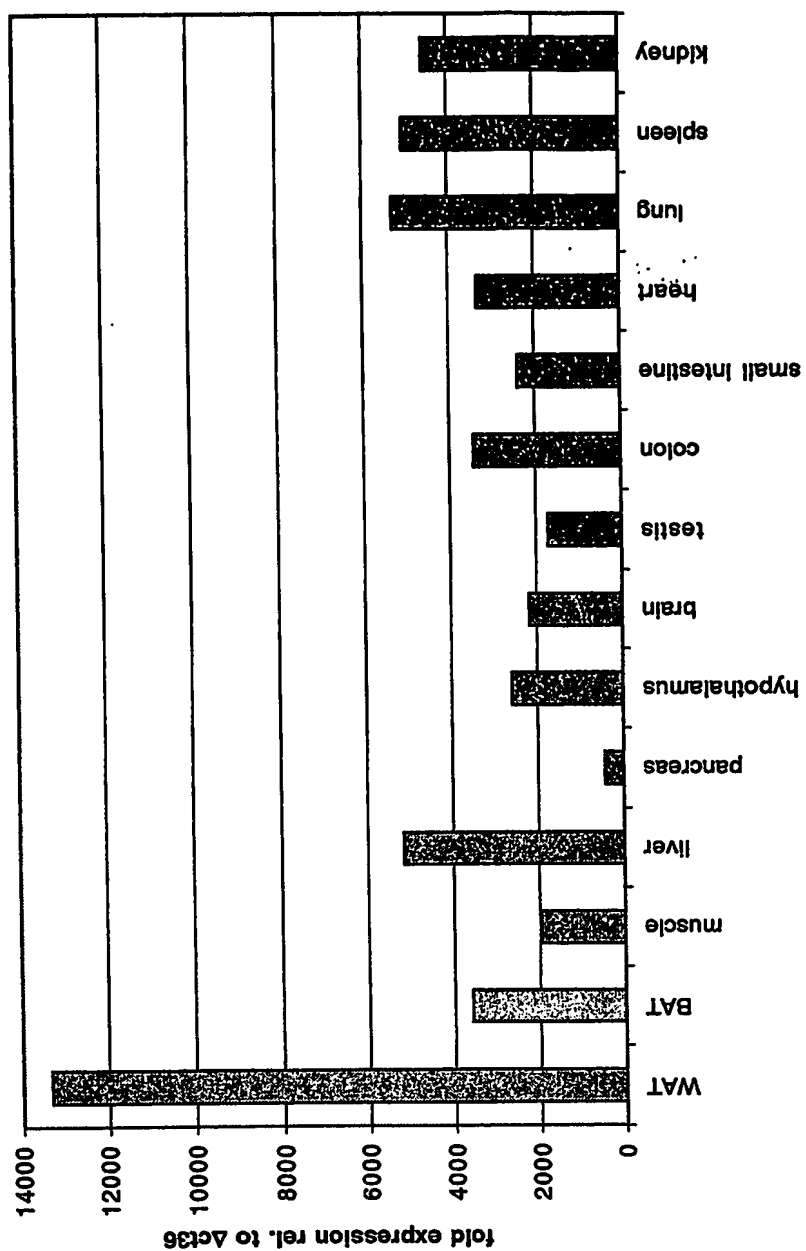


Fig. 8A

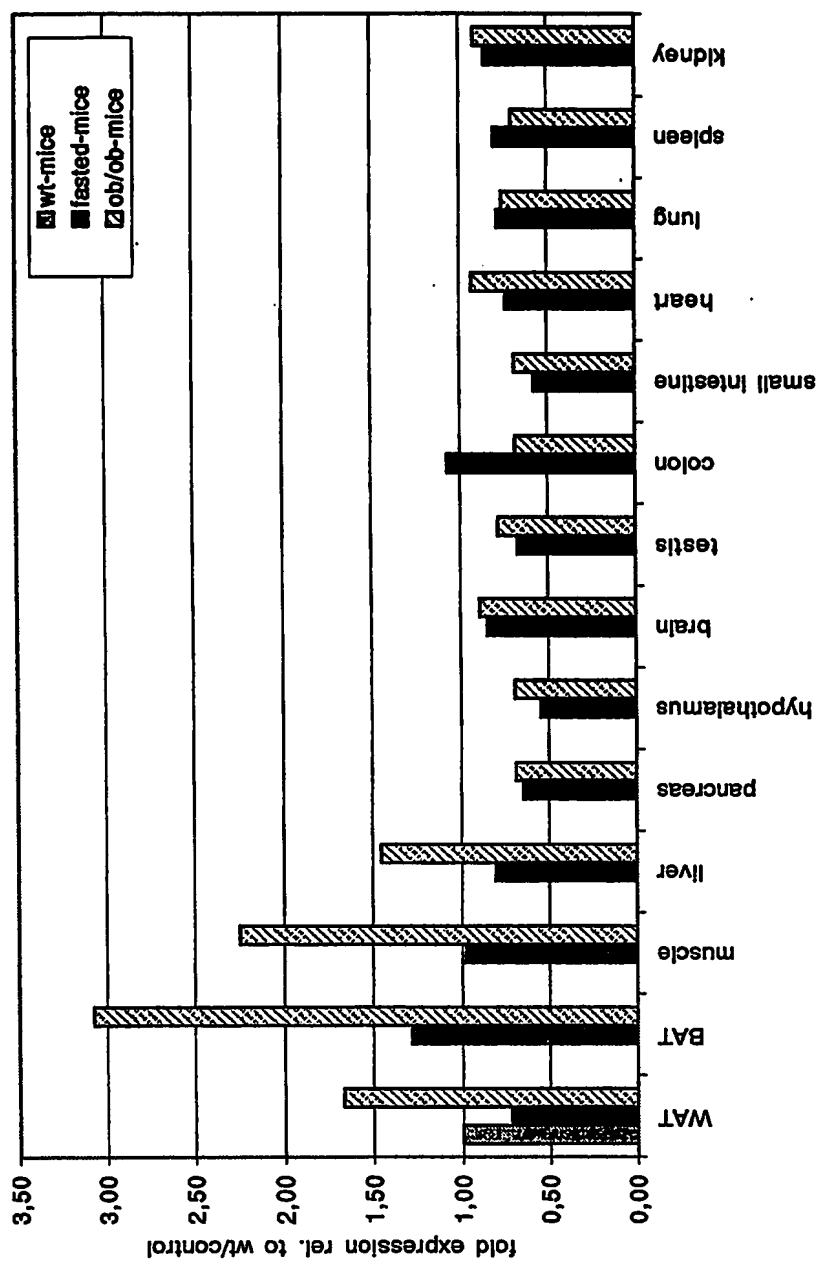


Fig. 8B



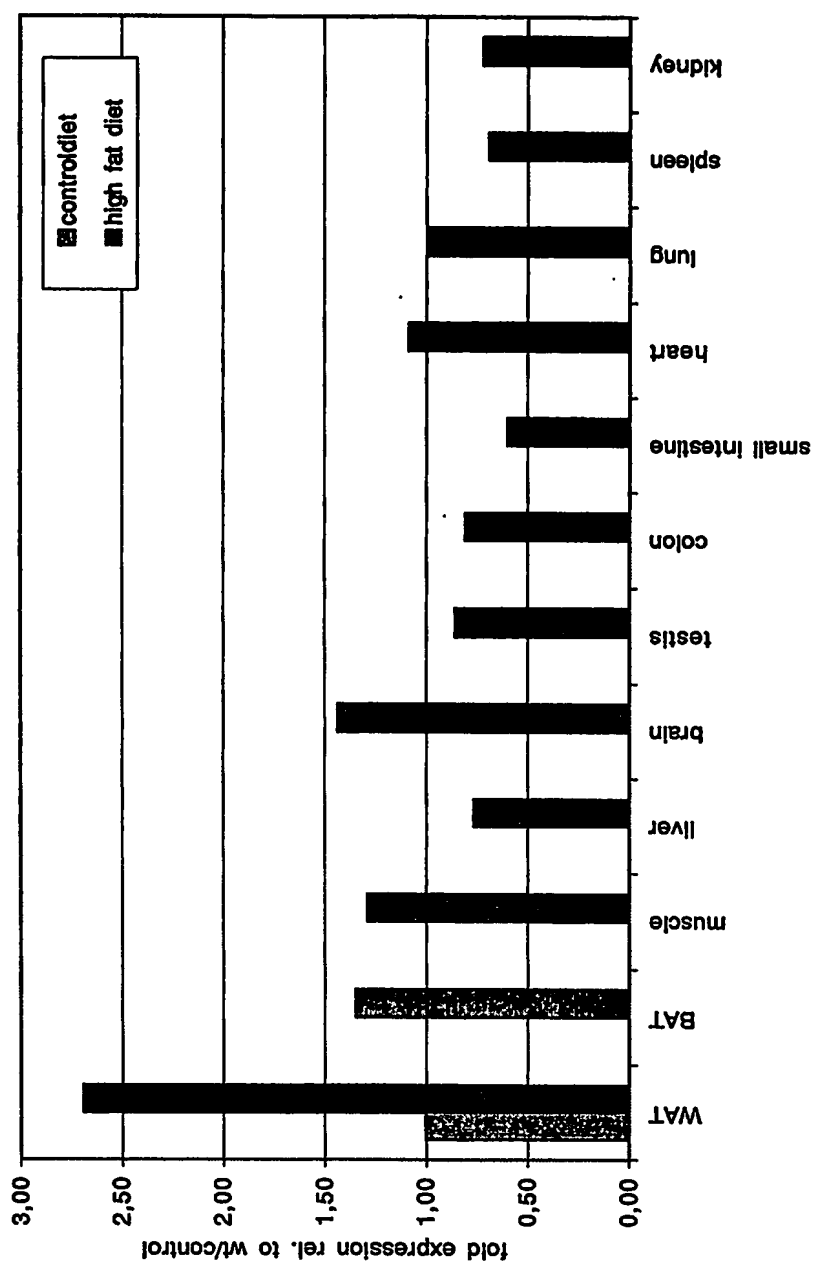


Fig. 8C

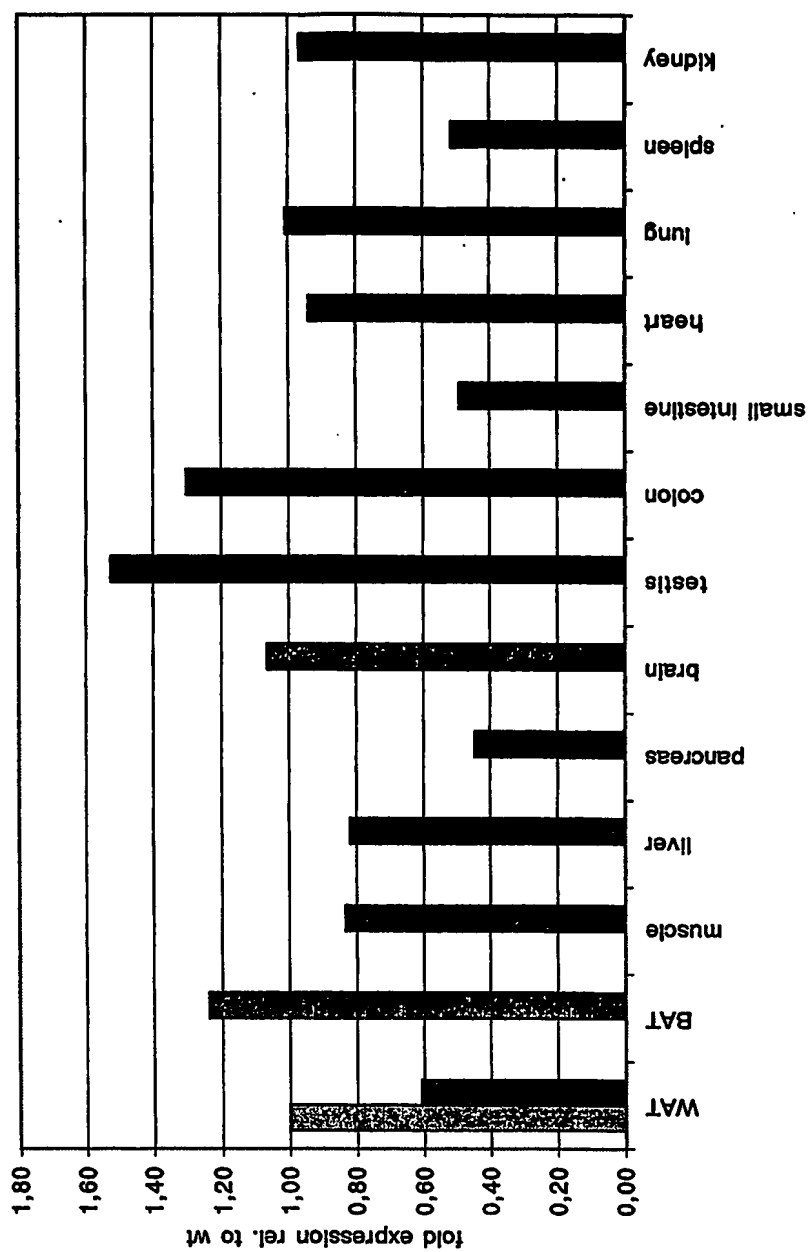


Fig. 8D

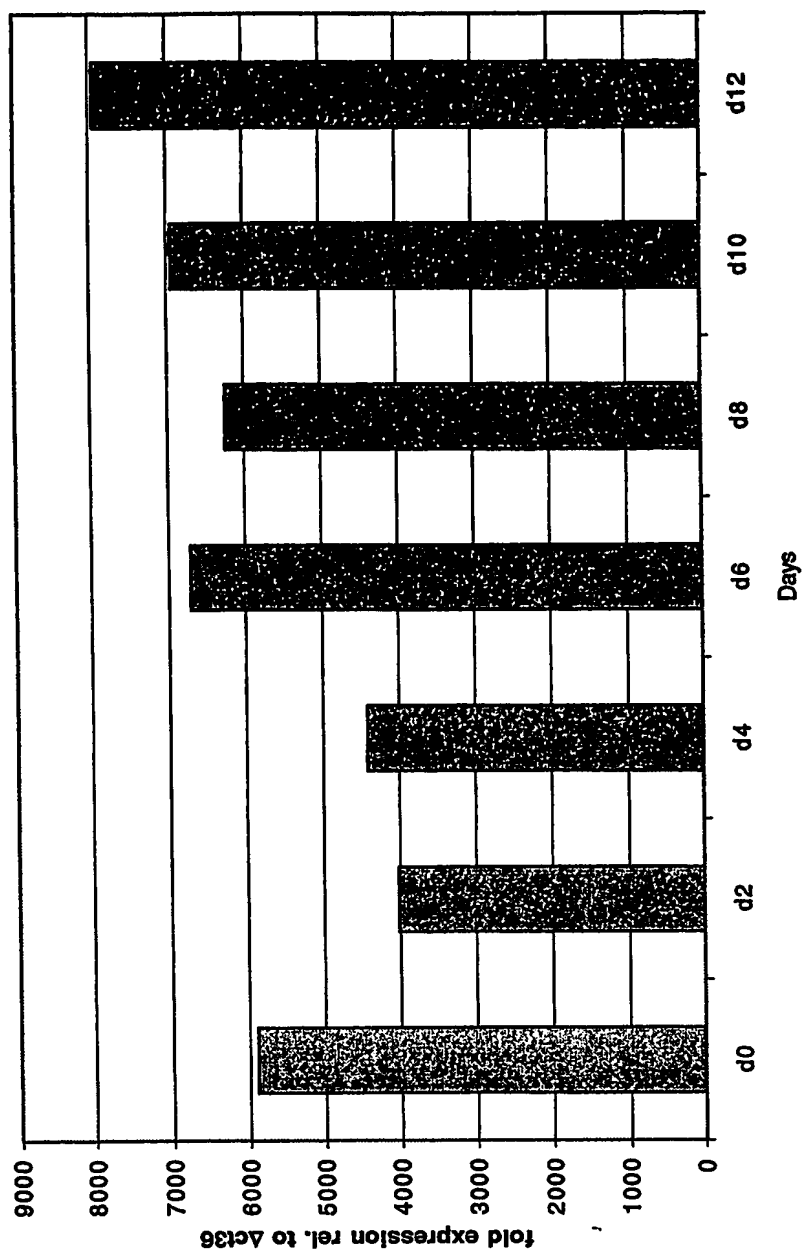


Fig. 8E

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